

CONTENT STANDARD 10: Physical System

Students will use spatial perspective to explain the physical processes that shape the Earth’s surface and its ecosystems.

K-2	3-4	5-6	7-8	9-10	11-12
10.K-2.1 Identify the types of physical systems and their characteristics that affect the Earth’s surface; and 10.K-2.2 Locate Earth’s major physical and human features (including cities, countries, bodies of water, etc.).	10.3-4.1 Demonstrate how Earth-Sun relationships shape climate and vegetation patterns. 10.3-4.2 Explain the factors that affect the location, distribution and associations of features of the physical environment. 10.3-4.3 Define local environmental features; and 10.3-4.4 Draw a simple map of continents and oceans.	10.5-6.1 Understand how concepts of physical geography can be applied to explain natural processes; and 10.5-6.2 Use basic climatic and other physical data to understand how natural processes shape environmental patterns.	10.7-8.1 Understand and apply how natural processes influence the formation and location of resources; and 10.7-8.2 Explain local and world patterns of ecosystem distribution.	10.9-10.1 Describe regional variations of physical processes. 10.9-10.2 Explain the operation and interaction of different natural systems (such as, climate and oceans) to understand global change; and 10.9-10.3 Draw a freehand map of the world with continents (appropriate shape and size) located in relation to equator, tropics, circles and prime meridian.	10.11-12.1 Analyze the distribution of ecosystems by interpreting relationships between soil and climate, and plant and animal life. 10.11-12.2 Evaluate ecosystems in terms of biodiversity and productivity and show how they are dynamic and interactive; and 10.11-12.3 Use geographic tools to represent and interpret Earth’s physical and human systems.